

Form PTO-1449 (Rev. 2-83)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 33633US	SERIAL NO. -----
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT Max P. McDaniel, Elizabeth A. Benham, Shirley J. Martin, Kathy Collins, James L. Smith	
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10986 U.S. PTO
09/909152
07/19/01

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RR	4,077,904	03/07/78	Noshay et al.	252	429 R	06/29/76
	4,101,445	07/18/78	Levine et al.	252	429 R	09/22/76
	4,279,780	07/21/81	Dombro, R. A.	252	452	04/18/80
	4,476,243	10/09/84	Dombro, R. A.	502	236	06/07/83
	4,526,942	07/02/85	Chester et al.	526	130	01/10/83
	4,657,998	04/14/87	Malpass, D. B.	526	144	03/17/86
	4,659,685	04/21/87	Coleman, III et al.	502	113	03/17/86
	4,788,171	11/29/88	Klendworth, D. D.	502	155	02/02/87
	4,803,253	02/07/89	McDaniel et al.	526	352.2	03/29/85
	4,969,522	11/13/90	Whitehurst et al.	166	278	12/21/88
	5,001,204	03/19/91	Klendworth et al.	526	106	07/27/90
RR	5,183,868	02/02/93	Nordquest, K. W.	526	155	07/23/90

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

RR	"A CRYSTALLIZABLE ORGANOMETALLIC COMPLEX CONTAINING TITANIUM AND ALUMINUM"
	Journal of the American Chemical Society, Vol. 79, Number 11, pages 2975-2976 (1957).
RR	"BIS-(CYCLOPENTADIENYL)-TITANIUM DICHLORIDE-ALKYLALUMINUM COMPLEXES AS CATALYSTS FOR THE POLYMERIZATION OF ETHYLENE"
	Journal of the American Chemical Society, Vol. 79, Number 18, pages 5072-5073 (1957).

EXAMINER <i>Robert Rabe</i>	DATE CONSIDERED 6/3/02
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
RR	5,321,105	06/14/94	Rekers et al.	526	104	03/12/93
I	5,332,707	07/26/94	Karayannis et al.	502	113	07/31/92
I	5,401,820	03/28/95	McDaniel et al.	526	348.5	12/18/92
I	5,439,995	08/08/95	Bailly et al.	526	125	02/03/94
I	5,444,134	08/22/95	Matsumoto, J. S.	526	159	07/10/92
RR	5,461,127	08/24/95	Naganuma et al.	526	127	09/22/93
I	5,468,702	11/21/95	Jejelow, M. O.	502	104	07/07/94
I	5,496,782	03/05/96	Zandona, N.	502	113	12/08/93
I	5,527,867	06/18/96	Bergmeister, J. J.	526	119	09/15/95
I	5,556,893	09/17/96	Costa et al	521	143	05/24/94
I	5,612,271	03/18/97	Zandona, N.	502	117	06/04/93
I	5,643,847	07/01/97	Walzer, J. F.	502	117	06/07/95
I	5,648,439	07/15/97	Bergmeister et al.	526	96	07/14/95
RR	5,670,580	09/23/97	Tazaki et al.	525	240	03/24/94


FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

RR	"OLEFIN COPOLYMERIZATION WITH METALLOCENE CATALYSTS. III SUPPORTED METALLOCENE/METHYLALUMINOXANE CATALYST FOR OLEFIN COPOLYMERIZATION"
	Journal of Polymer Science, Part A, Polymer Chemistry, Vol. 29, page 1603 (1991), Chien et al.
RR	"POLYMERIZATION OF PROPENE WITH CATALYST SYSTEMS COMPOSED OF AL ₂ O ₃ -OR MGCL ₂ -SUPPORTED ET[INDH ₄] ₂ ZRCL ₂ AND ALR ₃ (R=CH ₃ , C ₂ H ₅)"
	Makromol. Chem., Rapid Commun. 12, 367-372 (1991), Collins et al. Kaminaka et al.
EXAMINER	DATE CONSIDERED
Robert R. [Signature]	6/3/02

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RR	"SURFACE-BOUND METAL HYDROCARBYLS. ORGANOMETALLIC CONNECTIONS BETWEEN Accounts of Chemical Research, Vol. 25, Number 2, page 57 (1992).							
RR	"POLYMERIZATION OF PROPYLENE USING SUPPORTED, CHIRAL, ANSA-METALLOCENE Macromolecules, Vol. 25, pages 1780-1785 (1992), <i>Collins et al.</i>							
RR	"POLYMERIZATION OF PROPENE WITH THE HETEROGENEOUS CATALYST SYSTEM Makromol. Chem., Rapid Commun. 13, 221-224 (1992), <i>Soga et al.</i>							
RR	"HIGH MELTING POLYPROPENES BY SILICA-SUPPORTED ZIRCONOCENE CATALYSTS" Makromol. Chem., Rapid Commun. 14, 239-243 (1993), <i>Kaminsky et al.</i>							
RR	"POLYMERIZATION OF PROPENE WITH ZIRCONOCENE-CONTAINING SUPPORTED CATALYSTS Makromol. Chem. 194, 1745-1755 (1993), <i>Soga et al.</i>							
RR	"HIGHLY ISOSPECIFIC SiO_2 -SUPPORTED ZIRCONOCENE CATALYST ACTIVATED BY ORDINARY "Makromol. Chem., Rapid Commun. 15, 139-143 (1994), <i>Soga et al.</i>							
RR	"SILICA-SUPPORTED METALLOCENES: STEREOCHEMICAL COMPARISON BETWEEN HOMOGENEOUS Makromol. Chem., Rapid Commun. 16, 581-590 (1995), <i>Sacchi et al.</i>							
RR	"METALLOCENES FOR POLYMER CATALYSIS" Advances in Polymer Science, Vol. 127, page 143 (1997), <i>Kaminsky et al.</i>							
EXAMINER <i>Rokub Ratan</i>				DATE CONSIDERED <i>6/3/02</i>				
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